

OEM Services MolecularDx Controls

Asuragen, a Bio-Techne brand, has been custom manufacturing robust, reliable molecular controls for the diagnostic industry for more than 20 years.

Our Armored RNA®, Armored RNA Quant®, Armored DNA Quant™, plasmid DNA (circular and linearized), and *in vitro* transcribed RNA provide unique, target-specific solutions to meet all your molecular quality control needs.



Our OEM services include

- ISO 13485 certified quality system
- Evaluation, Development, and cGMP grade product
- Customer-defined target sequences
- Validated equipment, environmental monitoring
- Custom formulation, filling, and labeling
- Standardized supply agreements
- Scalable *E. coli* cell bank production

Optimally designed to ensure the dependability and accuracy of your molecular test:

Stable: Armored technology encapsulates molecular controls in a protein coat making them nuclease resistant in most sample matrices.

Non-infectious: Synthetic controls are safe for worldwide distribution and are easy to export/import.

Customizable: *In vitro* synthesis can be tailored to create specific controls for single targets or multiplexed panels.

Assay Development through Global Commercialization

Delivering custom design, reliable service, and seamless integration for molecular diagnostic manufacturers



Evaluate
Needs



Customize
Solutions



Select Products



Secure Supply
Agreement



cGMP Manufacture

Why Partner with Us?

Combined expertise in RNA and DNA with in-depth knowledge of regulated manufacturing operations results in high quality, consistent products

Scientific Expertise

Our scientists can clone and characterize virtually any customer-defined *in silico* sequence to deliver targeted nucleic acid or ensure compatibility with Armoring technology.

Quality Systems

Our ISO 13485 certified quality system is subject to continuous assessment by regulatory authorities, assessing organizations, external partners, and internal quality assurance personnel to ensure timely review of records and compliance with applicable standards.

Custom Manufacturing Capabilities

Our cGMP manufacturing facility can accommodate a wide range of specifications as a flexible approach to target different sequence, concentration, filling, and labeling needs.

Asuragen provides custom development and manufacturing services



Supply Continuity

Long-term cell banking of *E. coli* host in our validated cryopreservation system and use of multiple qualified suppliers minimizes supply chain disruption.



Simplicity

Starting with a customer-derived *in silico* target sequence or plasmid stock, Asuragen is a single source for all development and manufacturing activities to meet customer specifications and requirements.



Scalability

Manufacturing of all custom products can be scaled to any volume, copy number concentration, or quantity to meet your individual needs.

Contact Us | aus.armored@bio-techne.com

Bio-Techne® R&D Systems™ Novus Biologicals™ Tocris Bioscience™ ProteinSimple™ ACD™ Asuragen®

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*For Research Use Only. Not For Use in Diagnostic Procedures.

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